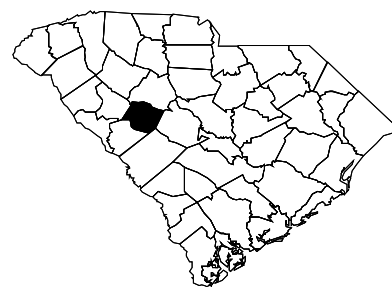


# IMPACT OF CHRONIC CONDITIONS SALUDA County, 2005



In the year 2005, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, Alzheimer's disease, diabetes, nephritis, nephritic syndrome, nephrosis, pneumonia and influenza and septicemia. This report focuses on the chronic conditions of the population of Saluda county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The distribution of Saluda county's population is similar to the state's. The majority (37%) of the population in Saluda county are between the ages of 18-44, and there are more males (51%) than females (49%). Saluda county's minority population (29%) is slightly similar to the state (31%). When adults in DHEC's Region 1, which includes Saluda County, were asked about their general health status, 79.3% reported having excellent, very good, or good health in 2005 (SC was 82%).

	<b>SALUDA COUNTY</b>	<b>STATE</b>
<b>Population size</b>	18,895	4,255,083
<b>Age distribution (%)</b>		
<18	23	24
18-44	37	38
45-64	26	25
65-84	12	11
85+	2	2
<b>Race (%)</b>		
White	71	69
Black & Other	29	31
<b>Sex (%)</b>		
Male	51	49
Female	49	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2005 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Saluda County.

<b>RISK FACTOR</b>	<b>COUNTY (%)</b>	<b>STATE (%)</b>
Current smoking	25	22
Sedentary lifestyle	24	26
Overweight	68	65
High Cholesterol	36	37

Some preventive measures such as immunization were included in the 2005 SC BRFSS. For persons age 65 and older in South Carolina:

39.1% have not received the flu shot in the past 12 months

34.4% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION AND HYPERTENSIVE DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	31.4	.	.	.	.	31.7
Number of hospitalizations	21	14	7	11	10	5,032
Crude rate of hospitalizations (per 100,000)	111	258	52	115	107	118
Median age of hospitalized patients	62	52	67	62	65	57
Total cost of hospitalization (\$)	577,400	301,700	275,700	349,100	228,300	109,400,500
Average length of hospital stay (days)	5	5	5	5	5	5
Number of ED visits	21	15	6	10	11	7,466
Crude rate of ED visits (per 100,000)	111	276	45	105	118	175
Median age of ED patients	37	37	42	37	47	52
Total cost of ED visits (\$)	44,800	33,000	11,800	25,500	19,300	9,929,000
Number of deaths**	2	1	1	1	1	423
Age-Adjusted Death rate (per 100,000)**	11	18	9	13	6	10

DISEASES OF THE HEART	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	4.8	.	.	.	.	4.1
Number of hospitalizations	294	102	192	146	148	60,901
Crude rate of hospitalizations (per 100,000)	1,556	1,878	1,426	1,527	1,586	1,431
Median age of hospitalized patients	67	62	72	67	72	67
Total cost of hospitalization (\$)	12,264,400	4,067,500	8,196,900	6,945,800	5,318,600	2,286,836,400
Average length of hospital stay (days)	5	5	6	6	5	5
Number of ED visits	38	26	12	21	17	12,989
Crude rate of ED visits (per 100,000)	201	479	89	220	182	305
Median age of ED patients	62	52	72	52	67	62
Total cost of ED visits (\$)	140,000	90,700	49,300	73,200	66,800	42,115,900
Number of deaths**	58	18	40	30	28	9,328
Age-Adjusted Death rate (per 100,000)**	268	385	237	340	210	218

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	2.9	.	.	.	.	3
Number of hospitalizations	63	28	35	26	37	13,925
Median age of hospitalized patients	72	62	77	72	67	72
Crude rate of hospitalizations (per 100,000)	333	515	260	272	396	327
Total cost of hospitalization (\$)	2,170,600	1,265,900	904,700	877,100	1,293,500	384,441,600
Average length of hospital stay (days)	7	12	3	8	6	6
Number of ED visits	15	2	13	8	7	2,515
Crude rate of ED visits (per 100,000)	79	37	97	84	75	59
Median age of ED patients	72	65	72	70	72	67
Total cost of ED visits (\$)	50,200	3,200	47,000	30,600	19,600	9,113,000
Number of deaths**	27	4	23	12	15	2,440
Age-Adjusted Death rate (per 100,000)**	125	85	136	145	114	59

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	36	15	21	16	20	15,753
Crude rate of hospitalizations (per 100,000)	191	276	156	167	214	370
Median age of hospitalized patients	57	57	67	60	57	62
Total cost of hospitalization (\$)	618,500	226,900	391,600	289,300	329,200	268,425,300
Average length of hospital stay (days)	4	3	5	5	3	5
Number of ED visits	93	56	37	40	53	36,543
Crude rate of ED visits (per 100,000)	492	1,031	275	418	568	859
Median age of ED patients	42	22	62	37	42	37
Total cost of ED visits (\$)	173,500	88,700	84,800	81,800	91,700	40,613,700
Number of deaths**	6	2	4	3	3	1,968
Age-Adjusted Death rate (per 100,000)**	28	44	24	39	25	46

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	10.1	.	.	.	.	10.3
Number of hospitalizations	24	11	13	10	14	9,027
Crude rate of hospitalizations (per 100,000)	127	203	97	105	150	212
Median age of hospitalized patients	35	32	47	37	35	52
Total cost of hospitalization (\$)	495,600	252,900	242,700	189,900	305,700	179,747,700
Average length of hospital stay (days)	5	6	5	5	6	6
Number of ED visits	40	30	10	17	23	9,603
Crude rate of ED visits (per 100,000)	212	552	74	178	246	226
Median age of ED patients	67	62	70	67	67	52
Total cost of ED visits (\$)	65,500	48,000	17,500	35,100	30,400	13,447,300
Number of deaths**	-	-	-	-	-	1,183
Age-Adjusted Death rate (per 100,000)**	-	-	-	-	-	27

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	71	20	51	34	37	16,389
Crude rate of hospitalizations (per 100,000)	376	368	379	356	396	385
Median age of hospitalized patients	67	57	67	67	62	62
Total cost of hospitalization (\$)	3,802,100	976,300	2,825,800	1,774,500	2,027,600	664,309,500
Average length of hospital stay (days)	9	12	8	10	8	8
Number of deaths**	38	10	28	20	18	8,617
Age-Adjusted Death rate (per 100,000)**	180	214	171	218	156	196

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	5	4	1	3	2	2,070
Crude rate of hospitalizations (per 100,000)	26	74	7	31	21	49
Median age of hospitalized patients	67	65	67	67	62	67
Total cost of hospitalization (\$)	203,500	175,900	27,600	120,900	82,600	101,377,700
Average length of hospital stay (days)	10	10	8	11	7	10
Number of deaths**	6	3	3	1	5	812
Age-Adjusted Death rate (per 100,000)**	29	68	18	12	44	19

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	6	-	6	-	6	1,228
Crude rate of hospitalizations (per 100,000)	64	-	90	-	63	56
Median age of hospitalized patients	62	-	62	-	62	62
Total cost of hospitalization (\$)	100,600	-	100,600	-	100,600	26,163,000
Average length of hospital stay (days)	1	-	1	-	1	3
Number of deaths**	5	2	3	-	5	651
Age-Adjusted Death rate (per 100,000)**	41	49	38	-	41	26

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1	-	1	-	1	192
Crude rate of hospitalizations (per 100,000)	11	-	15	-	11	9
Median age of hospitalized patients	47	-	47	-	47	47
Total cost of hospitalization (\$)	27,200	-	27,200	-	27,200	4,668,500
Average length of hospital stay (days)	6	-	6	-	6	4
Number of deaths**	-	-	-	-	-	63
Age-Adjusted Death rate (per 100,000)**	-	-	-	-	-	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	10	3	7	9	1	2,181
Crude rate of hospitalizations (per 100,000)	53	55	52	94	11	51
Median age of hospitalized patients	75	77	72	77	67	67
Total cost of hospitalization (\$)	287,600	114,800	172,800	264,000	23,600	92,775,300
Average length of hospital stay (days)	10	11	9	11	1	9
Number of deaths**	8	2	6	6	2	2,703
Age-Adjusted Death rate (per 100,000)**	38	52	35	69	17	61

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	3	1	2	3	-	1,209
Crude rate of hospitalizations (per 100,000)	31	36	29	52	-	58
Median age of hospitalized patients	77	77	65	77	-	62
Total cost of hospitalization (\$)	70,500	15,800	54,700	70,500	-	30,356,600
Average length of hospital stay (days)	2	2	3	2	-	4
Number of deaths**	1	-	1	1	-	460
Age-Adjusted Death rate (per 100,000)**	12	-	15	12	-	30

\*Prevalence estimates at regional level

\*\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

All hospitalizations of Blacks include Blacks and Others.

#### For more information about

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